Bill of Qunatities

Name of Project: Upgrading of i) Chisapani Majhauni sadak dekhi paschim Teka Bahadur Karki Ko ghar samma sadak Bardaghat-2, Nawalparasi ., ii) Chhatra Bahadur Smriti Marga , Bardaghat -2 , Nawalparasi . Nawalparasi .

Location :-Bardaghat Muncipality , Nawalparasi.

Contract ID :-RIDONAW/134/NCB/083-84/10

S. No.	Description	Unit	Quantity	Quoted Rate		Amount
				In Figure	In Words	
1.0	**Provisional Sum**					
1.1	Off site verification testing (not specified in specifications) of materials/works as directed by the Engineer.	PS	1.00	10000.00	Ten Thousands Only.	10,000.00
1.2	Insurance of works, equipment, Contractor's workmen and employees and Third party Insurance against damage to other persons and property.(SSG18)	PS	1.00	15000.00	Fifteen Thousands Only.	15,000.00
2.0	**General**					
2.1	Supply and place and maintain standard size (1.20 x 0.90 m) sign board for Project information.	Nos	2.00			
3	**Pavement work**					
3.1	Loosening, levelling, and compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing and Technical Specification	m2	520.00			
3.2	Providing, laying, spreading, watering and compacting embankment with Roadway Cutting material and compact to the required density as per drawing and Technical Specifications. (Mechanical Means)	m3	78.00			
3.3	Providing, laying, spreading, watering and compacting embankment with borrow material in layers not exceeding 150mm including haulage as per drawing and Technical Specifications. (Mechanical Means)	m3	247.20			
3.4	Providing and laying granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density by mechanical means, complete as per Drawing and Technical Specifications.	m3	478.05			
3.5	Providing and laying Loose gravel material Sub-base/Shoulder as per Instruction by the Engineer.	m3	13.00			
3.6	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing , watering and compacting to form a layer of sub-base/Base course as per Drawing and Technical Specifications., By Mix in Place Method.	m3	82.87			
3.7	Providing and applying Prime coat with hot bitumen (including Cutter) of suitable grade on the prepared surface of granular base including cleaning of road surface and spraying at specified rate by mechanical means as per the Technical Specification. (Mechanical)	Ltr.	497.25			
3.8	Providing and applying tack coat with hot Bitumen at specified rate on the prepared non-bituminous surfaces including cleaning as per Technical Speciation . (Mechanical Means)	Ltr.	260.00			
3.9	Providing and laying close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type - A) aggregates using bitumen as wearing course on a previously prepared base, including mixing in a suitable plant as per Drawing and Technical Specifications (SS 1310)	m3	15.60			
4	**Structure Work**					
4.1	Earthwork in excavation of foundation of structure in ordinary soil including construction of shoring and bracing, removal of stumps and other deleterius matter and backfilling with approved material as per drawings and technical specifications.	m3	4.50			
4.2	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications.	m3	0.90			
4.3	Providing and laying of Plain Cement Concrete M 10 (or 1:3:6 for Nominal Mix) in foundation complete as per Drawing and Technical Specifications	m3	0.60			
4.4	Providing and Laying RCC 450 mm dia NP3 Flush jointed pipe for culvert including fixing with cement mortar 1:2 as per drawing and technical specifications	Rm	7.50			
	(A) Total Cost without PS					
	(B) 13 % @ VAT=13% of A					
	(C) PS Amount					
	(D) Total Cost with PS and VAT=A+B+C					